

LIGHT CHAIN

1 15 30 45
DIQMTQSPSSLSASVGDRVTITCRASQDVNTAVAVWYQQKPGKAPK
46 60 75 90
LLIYASASFLYSGVPPSRSFGSSRSGTDFTLTISSLQPEDFATYYCQQQ
91 105 120 135
HYTTTPPTFGQGTVKVEIKRTVAAAPSVFIFPPSDEQLKSGTASVVC
136 150 165 180
LNNFYPREAKVQWKVDNALQSGNSQESVTEQDQSKDSTYSLSSTLT
181 195 210 214
LSKADYEKHKVYACEVTHQGLSSPVTKSFNRRGEC

FIGURE 1A

HEAVY CHAIN

1 EVQLVESGGGLVQPGGSLRLSCAASG 30 FNIKDTYIHWWVRQAPGKGL
46 EWVARIYPTNGYTRYADSVKGRTIS 60 75 A DTSKNNTAYLQMNSSLRAED 90
91 TAVYYCSRWGGDGFYAMDYWGQQGT 105 120 L VTVSSASTKGPSVFPPLAPSS 135
136 KSTSGGGTAALGCLVKDYFPEPVTV 150 165 SWNSGALTSGVHTFPAPLQSS 180
181 GLYSLSSVVTVPSSSLGTQTYICNV 195 210 NHKPSNTKVDKKVEPKSCDK 225
226 THTCPAPPAPELLGGPSVFLFPKPK 240 255 DTLMISRTPEVTCVVVDV S 270
271 HEDPEVKFNWYVDGVEVHNAKTKP 285 300 REEQYNSTYRVVSVLTVLHQD 315
316 WLNGKEYKCKVSNKALPAPIEKTI 330 345 SKAKGQPREPQVYTLPPSRE E 360
361 MTKNQVSLTCLVKGFYPPSDIAV 375 390 EWESENQOPENNYKTTPPVLDSDG 405
406 SFFLYSKLTVDKSRWQQGNVFSSC 420 435 SVMHEALHNHYTQKSSLSSPG 449

FIGURE 1B

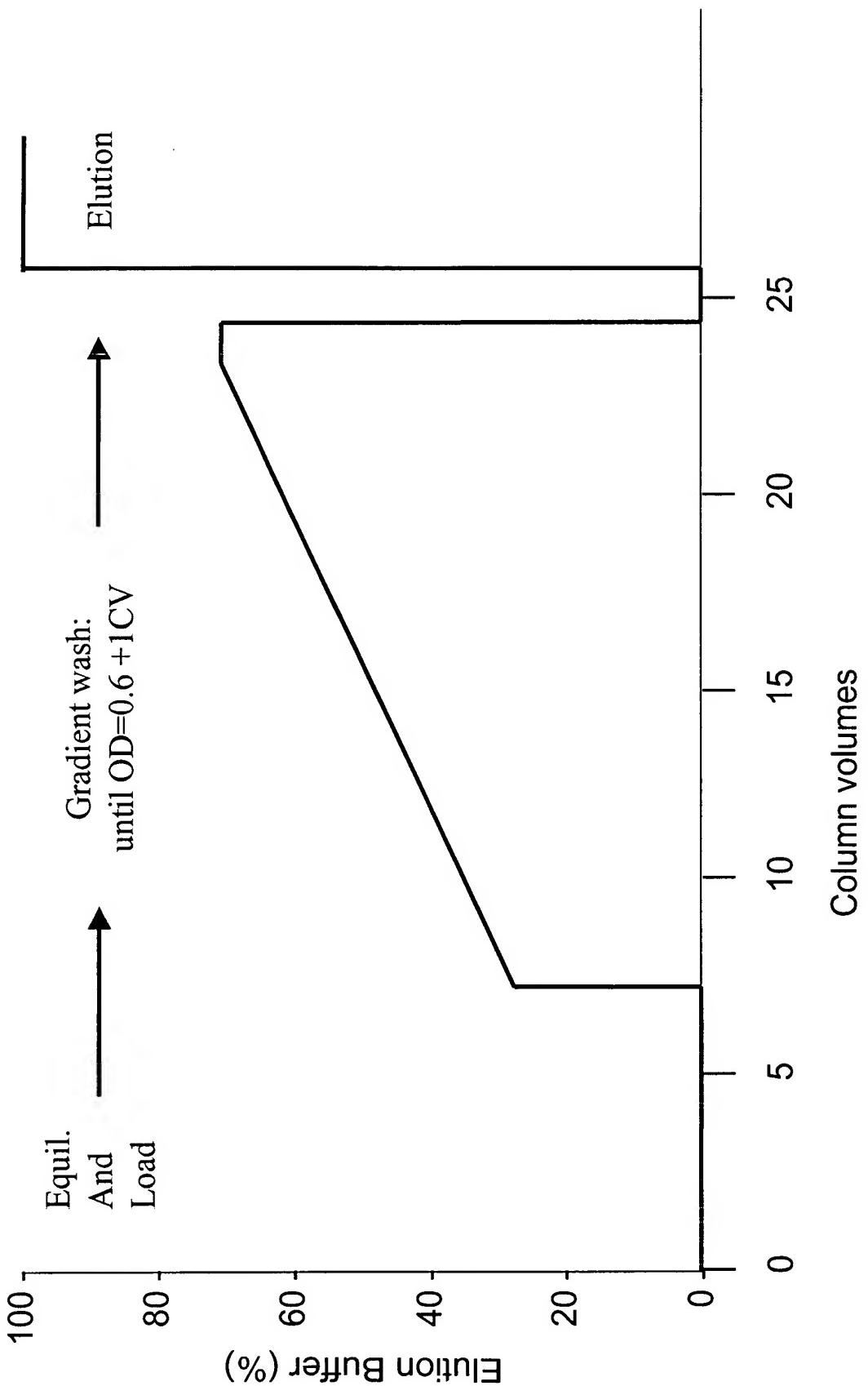


Figure 2

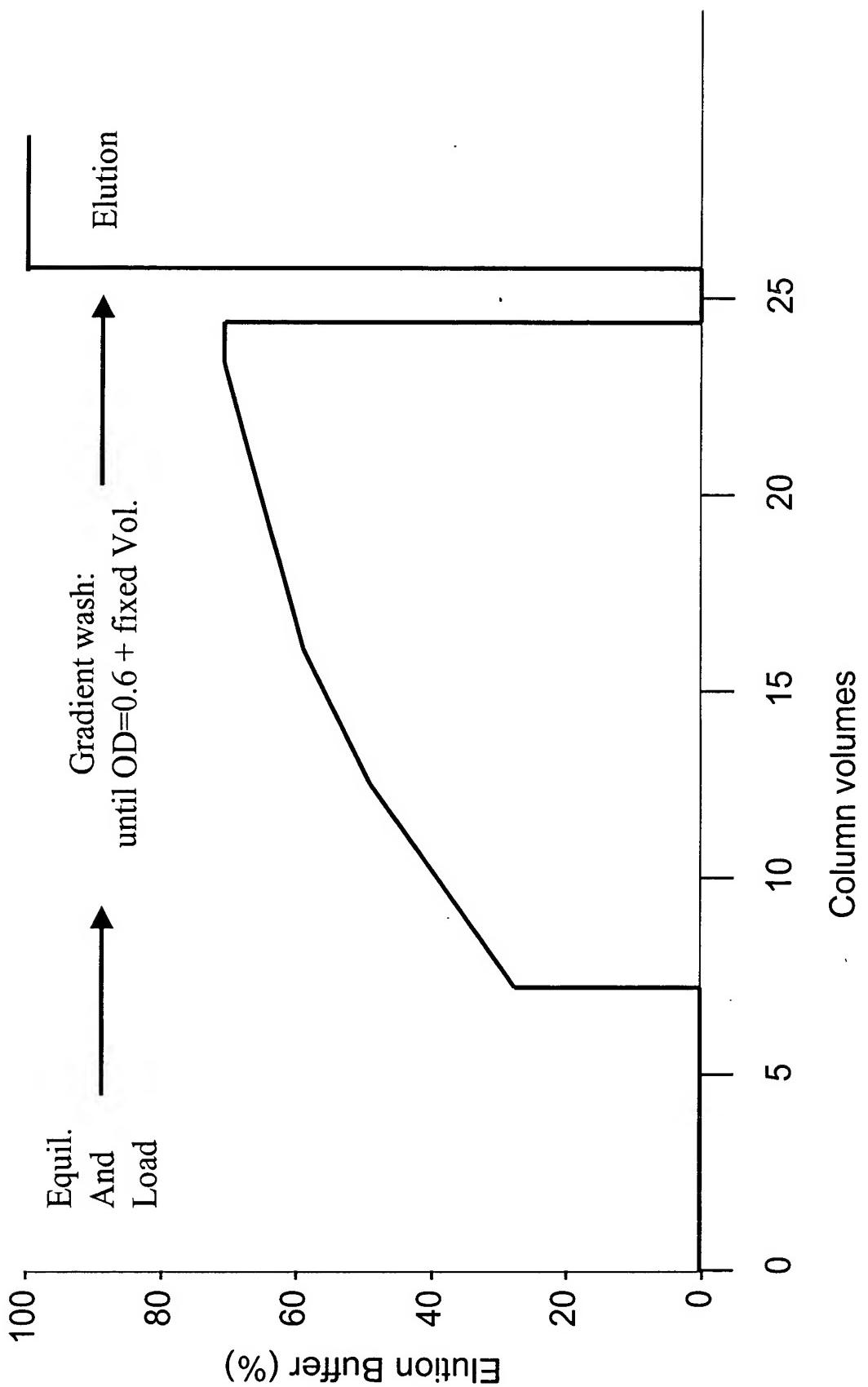


Figure 3